Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-5.   (previously canceled)

6.   (currently amended)   A method for producing a labeled protein, wherein the method comprises binding a protein that has a sugar chain to an LSI (large scale integrated circuit) that comprises more than 320 million bits of memory via the sugar chain, and recording specific information characteristic of the sugar chain of the protein on the LSI, wherein the form of binding between the protein and the LSI is:

(i)   direct binding; or

(ii)   indirect binding that is mediated by a substrate selected from the group consisting of cellulose vinyl acetate, α-cyanoacrylate, silicon denatured polymer, epoxy resin, and calcium sulfate.

7-11.   (previously canceled)

12.   (new) The method of claim 6, wherein the form of binding between the protein and the LSI is direct binding.

13.   (new) The method of claim 6, wherein the form of binding between the protein and the LSI is indirect binding that is mediated by a substrate selected from the group consisting of cellulose vinyl acetate, α-cyanoacrylate, silicon denatured polymer, epoxy resin, and calcium sulfate.